



2005 ANNUAL REPORT

Timber Management Data

DNR manages 2.1 million acres of forest that generate revenue for state trusts, mostly from timber sales. In this section, DNR provides data on timber management activities on forested state trust lands, as required by RCW 79.10.010(3)

- 16 Timber Sold**
- 17 Silviculture**
- 18 Timber Volume Harvested**
- 19 Timber Acres Harvested**
- 20 Acres Off Base for Harvest**

For More Information



www.dnr.wa.gov



360-902-1000



information@wadnr.gov

About These Pages

- These pages include data for federally granted trust lands and for legislatively established trust lands, including State Forest Lands (formerly known as Forest Board lands). Trusts are listed individually.
- The Community College Reserve is not listed for activities on pages 16-19 because there was no activity on those lands during FY2005.
- Counties that contain state forest lands (formerly known as Forest Board lands) but are not listed for an activity did not have that activity during Fiscal Year 2005.
- Numbered notes apply only to the page on which they appear.
- Totals may not add, due to rounding.

'05

Timber Sold

July 1, 2004 – June 30, 2005

● 2005 Annual Report to
Trust Beneficiaries
per RCW 79.10.010

'05

Trust / Beneficiaries	Number of Acres	Volume ¹ (mbf) ²
State Forest Transfer (formerly known as Forest Board Lands)		
Clallam	1,029	30,310
Clark	397	12,194
Cowlitz	332	13,734
Grays Harbor	34	1,892
Jefferson	329	9,955
King ³	122	3,175
Kitsap	108	2,189
Klickitat	471	6,584
Lewis	1,218	28,756
Mason	512	10,370
Pacific	174	4,335
Pierce	152	5,262
Skagit	1,100	25,145
Skamania	311	3,468
Snohomish	991	40,479
Thurston	643	22,992
Wahkiakum	135	5,230
Whatcom	510	20,839
Subtotal - Transfer	8,568	246,909
State Forest Purchase (formerly known as Forest Board Lands)		
Grays Harbor ⁴	356	8,767
Lewis	0	9
Pacific ⁵	96	3,028
Pierce ⁵	147	5,497
Skamania	32	167
Thurston ⁴	394	9,510
Subtotal - Purchase	1,025	26,978
Common School, Indemnity & Escheat	10,512	201,281
Agricultural School	867	16,649
University - Transferred & Original	1,393	18,398
CEP&RI	1,024	16,400
Capitol Building	1,003	36,025
Normal School	456	6,486
Scientific School	1,286	29,328
Subtotal - Granted Trusts	16,541	324,567
TOTAL – ALL TRUSTS	26,134	598,445

¹ Timber volume sold per acre depends on site-specific conditions and harvest method.

² mbf: thousand board feet

³ Includes Water Pollution Control data.

⁴ Includes Forest Board repayment. (See Fiscal Section, page 23, note 9.)

⁵ Includes University repayment data.

Notes

► Timber is sold before it is harvested. Timber sale contracts average two years in length, with timber harvest schedules determined by individual purchasers. Sale and harvest of timber may or may not occur in the same fiscal year. Revenues are generated when timber is harvested.

► Market conditions can influence number of sales and volume sold.

► Sales which contain more than one trust beneficiary report estimated acres and volume for each specific trust. Sales which benefit more than one trust distribute revenues proportionally by volume and not by acres.

► Numbers may not add due to rounding.

Sources

DNR Revenue Management System database, Report TSC311; 11/05.

Silviculture¹

July 1, 2004 – June 30, 2005

● 2005 Annual Report to
Trust Beneficiaries
per RCW 79.10.010

'05

Trust / Beneficiaries	Acres Planted ²	Stems per Acre ³	Precommercially Thinned Acres ⁴
State Forest Transfer (formerly known as Forest Board Lands)			
Clallam	735	347	1,686
Clark	443	366	0
Cowlitz	239	326	55
Jefferson	260	321	346
King ⁵	198	293	745
Kitsap	105	360	35
Klickitat	35	307	0
Lewis	329	373	256
Mason	592	380	201
Pacific	234	419	31
Pierce	385	245	79
Skagit	647	277	0
Skamania	8	350	0
Snohomish	1,241	299	13
Thurston	150	303	0
Wahkiakum	44	265	278
Whatcom	651	317	5
Subtotal - Transfer	6,296	NA	3,730
State Forest Purchase (formerly known as Forest Board Lands)			
Clallam	0	0	24
Clark	7	650	0
Cowlitz	32	350	0
Grays Harbor	639	351	0
Pacific	90	279	12
Thurston	1,209	345	0
Subtotal - Purchase	1,977	NA	36
Common School, Indemnity & Escheat	6,931	286	9,756
Agricultural School	898	255	1,735
University - Transferred & Original	17	272	490
CEP&RI	939	303	607
Capitol Building	619	285	893
Normal School	149	305	633
Scientific School	503	302	283
Subtotal - Granted Trusts	10,056	NA	14,397
TOTAL - ALL TRUSTS	18,329	NA	18,163

¹ Silvicultural activities are forest management practices; implementation of silvicultural practices varies according to site-specific conditions and availability of management funding.

² Acres planted include all planting processes and all tree species.

³ Stems per acre planted depend on site-specific conditions and anticipated survival rates.

⁴ Precommercially thinned acres increase yield rate per acre by selectively decreasing over-crowding of saplings.

⁵ Includes Water Pollution Control data.

Note

Numbers may not add due to rounding.

Source

DNR Planning and Tracking System database, 10/05.

Timber Volume¹ Harvested

July 1, 2004 – June 30, 2005

● 2005 Annual Report to
Trust Beneficiaries
per RCW 79.10.010

'05

Trust / Beneficiaries	Volume ² (mbf) ³
State Forest Transfer (formerly known as Forest Board Lands)	
Clallam	17,022
Clark	17,610
Cowlitz	3,516
Grays Harbor	1,094
Jefferson	6,699
King ⁴	17,290
Kitsap	3,621
Klickitat	1,761
Lewis	10,853
Mason	17,433
Pacific	11,907
Pierce	15,284
Skagit	52,828
Skamania	2,401
Snohomish	67,581
Thurston	16,175
Wahkiakum	13,540
Whatcom	26,892
Subtotal - Transfer	303,507
State Forest Purchase (formerly known as Forest Board Lands)	
Clark	206
Grays Harbor ⁵	19,036
Pacific ⁶	2,667
Pierce ⁶	2,907
Skamania	189
Thurston ⁵	13,087
Subtotal - Purchase	38,092
Common School, Indemnity & Escheat	226,484
Agricultural School	21,740
University-Transferred & Original	8,629
CEP&RI	19,554
Capitol Building	40,200
Normal School	9,578
Scientific School	27,213
Subtotal - Granted Trusts	353,398
TOTAL - ALL TRUSTS	694,999

¹ Volume harvested is estimated for sales partially harvested.

² Timber volume harvested per acre depends on site-specific conditions and harvest method.

³ mbf: thousand board feet

⁴ Includes Water Pollution Control data.

⁵ Includes Forest Board repayment. (See Fiscal Section, page 23, note 9.)

⁶ Includes University Repayment data.

Notes

► Timber is sold before it is harvested. Timber sale contracts average two years in length, with timber harvest schedules determined by individual purchasers. Sale and harvest of timber may or may not occur in the same fiscal year. Revenues are generated when timber is harvested.

► Sales which contain more than one trust beneficiary report estimated volume harvested for each specific trust. Sales which benefit more than one trust distribute revenues proportionally by volume and not by acres.

► Numbers may not add due to rounding.

Sources

► DNR Revenue Management System database, Report TSC311, 11/05.

Timber Acres Harvested¹

July 1, 2004 – June 30, 2005

● 2005 Annual Report to
Trust Beneficiaries
per RCW 79.10.010

'05

Trust / Beneficiaries	Acres Commercially Thinned/ Small Wood ²	Acres Partially Cut/ Older Stand Thinning ³	Acres Clearcut/ Regeneration Harvest	Total Acres ⁴	Average Year of Clearcut Stand
State Forest Transfer (formerly known as Forest Board Lands)					
Clallam	27	0	382	410	1934
Clark	85	6	561	652	1942
Cowlitz	0	13	67	81	1933
Grays Harbor	0	0	19	19	1938
Jefferson	0	0	234	234	1932
King	118	0	377	495	1936
Kitsap	0	0	459	159	1939
Klickitat	246	225	19	491	1918
Lewis	3	0	235	238	1939
Mason	0	381	780	1,161	1937
Pacific	9	0	294	304	1937
Pierce	0	18	298	316	1932
Skagit	164	242	4,288	1,695	1932
Skamania	262	0	12	274	1948
Snohomish	0	0	1,534	1,534	1929
Thurston	36	29	397	463	1936
Wahkiakum	11	0	612	324	1940
Whatcom	141	0	735	877	1926
Subtotal – Transfer	1,105	916	7,711	9,733	NA
State Forest Purchase (formerly known as Forest Board Lands)					
Clark	14	0	2	16	1925
Grays Harbor	168	110	268	548	1940
Pacific	2	0	69	71	1945
Pierce	0	0	53	53	1933
Skamania	15	0	1	16	1945
Thurston	2	138	242	382	1932
Subtotal – Purchase	203	249	636	1,089	NA
Common School, Indemnity/Escheat	1,207	4,726	7,362	13,296	1928
Agricultural School	12	530	531	1,074	1930
University - Transferred/Original	0	67	168	236	1934
CEP&RI	129	296	676	1,102	1933
Capitol Building	325	117	1,558	2,001	1932
Normal School	84	295	413	792	1932
Scientific School	215	225	760	1,202	1940
Subtotal - Granted Trusts	1,972	6,256	11,468	19,703	NA
TOTAL – ALL TRUSTS	3,284	7,424	19,820	30,529	NA

¹ The department tracks harvest method information in ten categories; for purposes of this report, per RCW 79.10.010, the data are aggregated into three harvest methods.

² Commercial thinning/small wood generates revenue, promotes growth of the remaining trees and creates desired future forest conditions.

³ Partial cuts/older stand thinnings generate revenue and help achieve desired future forest conditions.

⁴ Total acres include total of all harvest activities.

Notes

► Harvested acres shown are fiscal year 2005 activities only; acres are reported again in the future if additional harvest activities occur. Acres harvested are estimated for sales partially harvested. Timber volume harvested per acre depends on site-specific conditions and harvest method.

► Sales which contain more than one trust beneficiary report estimated acres harvested for each specific trust. Sales which benefit more than one trust distribute revenues proportionally by volume and not by acres.

► Numbers may not add due to rounding.

Sources

► DNR Revenue Management System database, Report TSC348P2, 11/05.

Acres Off-Base for Harvest

July 1, 2004 – June 30, 2005

● With the adoption of the 2004 Sustainable Harvest Level, DNR no longer classifies lands as “off-base” or “on-base,” but instead designates deferral status. Long-term deferral approximates “off-base.”

● 2005 Annual Report to Trust Beneficiaries per RCW 79.10.010

'05

Trust / Beneficiaries	No Deferral	Short-Term Deferral	Long-Term Deferral
State Forest Transfer (formerly known as Forest Board Lands)			
Clallam	36,330	48,715	2,452
Clark	23,393	902	671
Cowlitz	9,782	39	529
Grays Harbor	1,350	780	41
Jefferson	10,592	2,402	198
King*	13,887	258	10,776
Kitsap	6,470	1	1,199
Klickitat	9,101	8,425	2,469
Lewis	31,333	5,218	1,262
Mason	16,466	3,787	5,489
Okanogan	17	0	0
Pacific	9,540	4,825	162
Pierce	7,197	473	809
Skagit	57,971	6,424	12,531
Skamania	20,759	9,127	6,457
Snohomish	48,895	1,236	7,285
Stevens	138	0	7
Thurston	17,696	1,139	280
Wahkiakum	6,636	4,685	1,016
Whatcom	25,199	777	9,579
Subtotal - Transfer	352,752	99,214	63,212
State Forest Purchase (formerly known as Forest Board Lands)			
Clallam	41	186	0
Clark	643	2,067	940
Cowlitz	243	4	19
Grays Harbor	24,346	2,693	325
Jefferson	17	0	0
Kitsap	78	0	0
Klickitat	39	0	0
Lewis	2,855	0	47
Mason	275	92	132
Pacific	2,206	5,572	73
Pierce	2,643	361	249
Skamania	1,104	2,373	781
Snohomish	37	0	5
Stevens	41	0	0
Thurston	20,259	1,567	140
Whatcom	645	66	218
Subtotal - Purchase	55,471	14,981	2,928
Common School, Indemnity & Escheat	765,441	168,901	97,194
Agricultural School	46,829	5,176	2,310
University – Original & Transferred	32,143	16,450	6,822
CEP&RI	31,439	5,206	3,261
Capitol Building	66,250	19,708	11,213
Normal School	39,430	8,166	5,933
Scientific School	45,554	11,653	6,779
Community & Technical College	3,063	0	15
Forest Reserve			
TOTAL – ALL TRUSTS	1,438,373	349,456	199,664

Notes

► Deferral status is determined by whether the silviculture and land management activities, including harvest, are permitted or deferred for a period of time. *Short-term deferrals* represent forestlands anticipated to be deferred from harvest between 2004 and 2013. *Long-term deferrals* represent forestlands anticipated to be deferred from harvest beyond 2013 and forestlands managed for non-timber harvest revenue objectives.

► Acres are designated as deferrals because they are inoperable, are low site, contain permanent research plots, are upland wildlife management areas, are timber gene pool reserves, are on unstable slopes, in riparian buffers, are located in a northern spotted owl nest patch, contain a northern spotted owl site center, are identified as murrelet habitat, or are included in the Olympic Experimental State Forest deferral areas. A site can be deferred due to one or more factors.

► Deferral classifications are not permanent designations. DNR may change the classification as specific forest stands or sites are re-evaluated. Acreage updates and changes can occur over time due to technological refinements in data gathering and analysis, such as the Forest Resource Inventory System program.

► Numbers may not add due to rounding or potential double counting.

* Includes Water Pollution Control trust data.

Sources

► Deferral Status of State Forestlands, DNR Land Management Division 2005